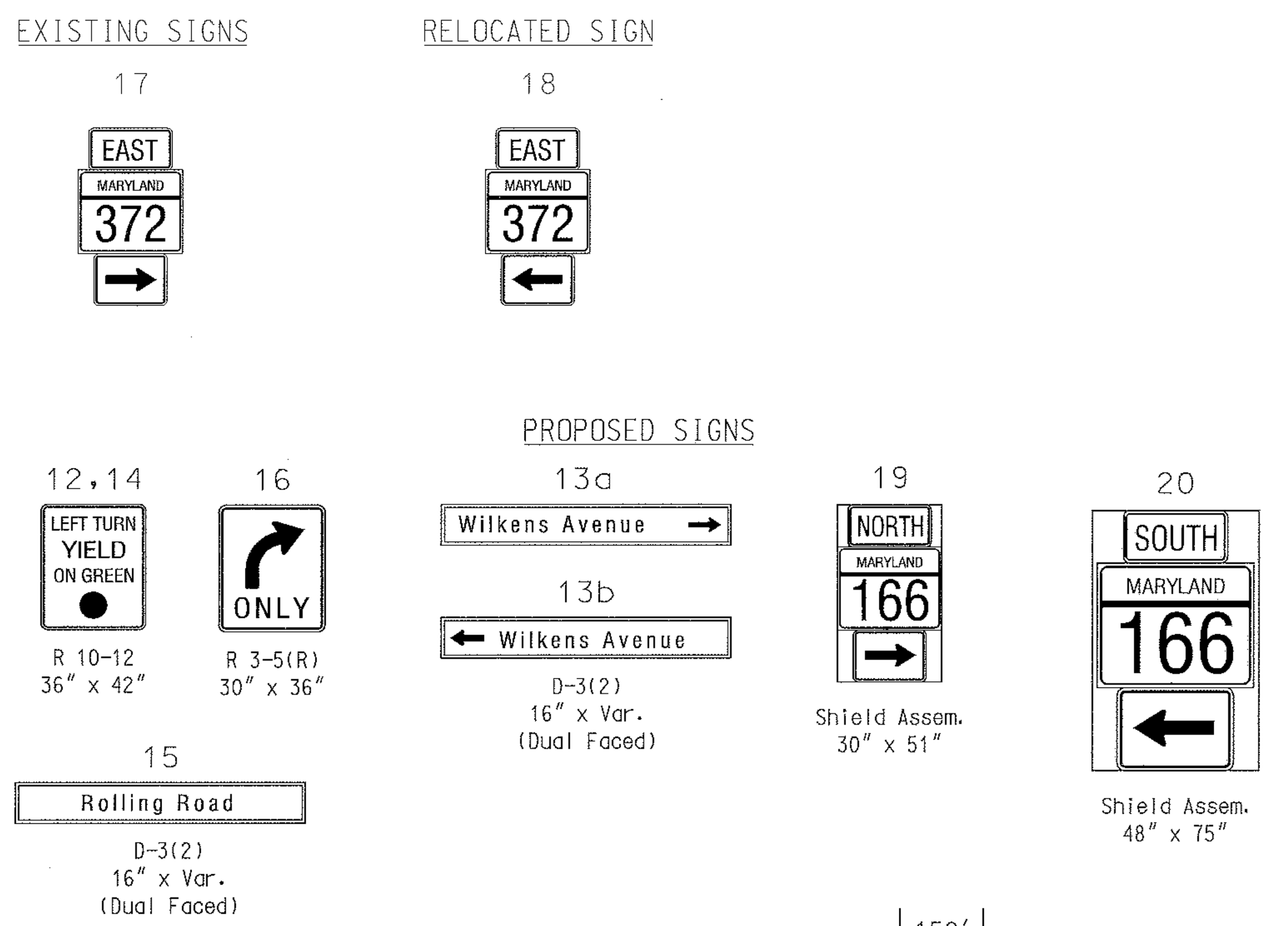

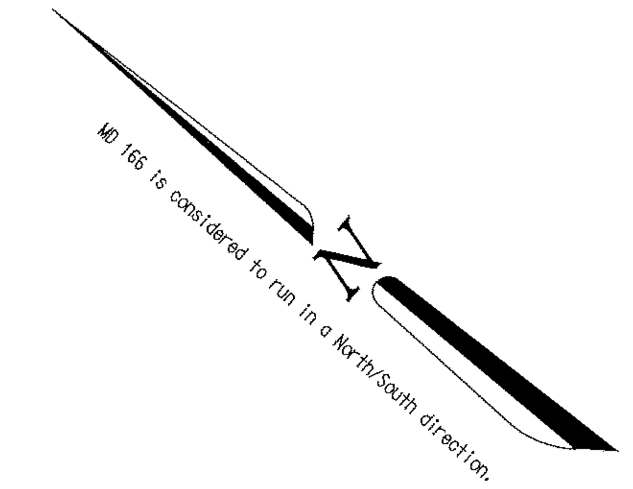

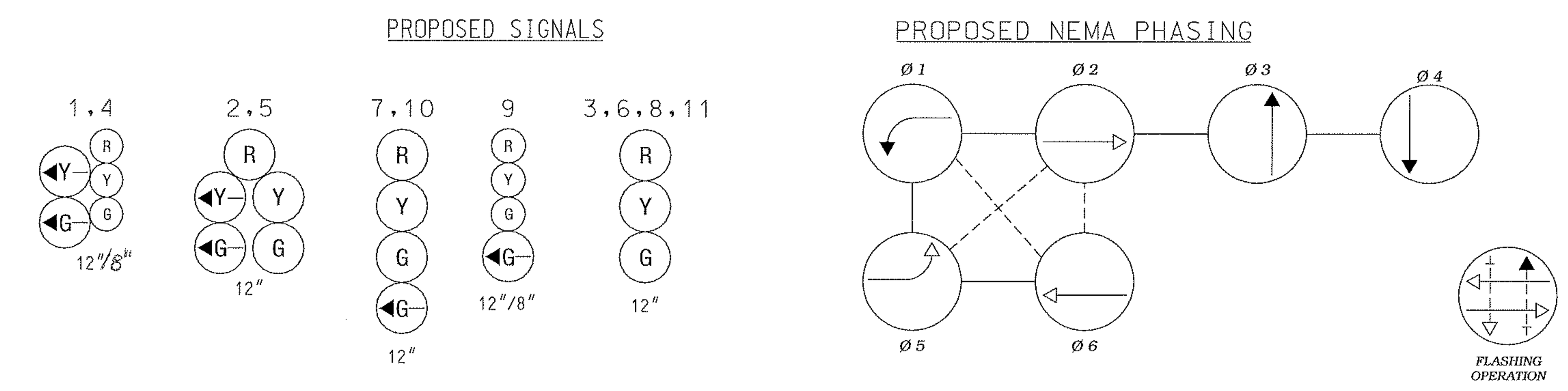

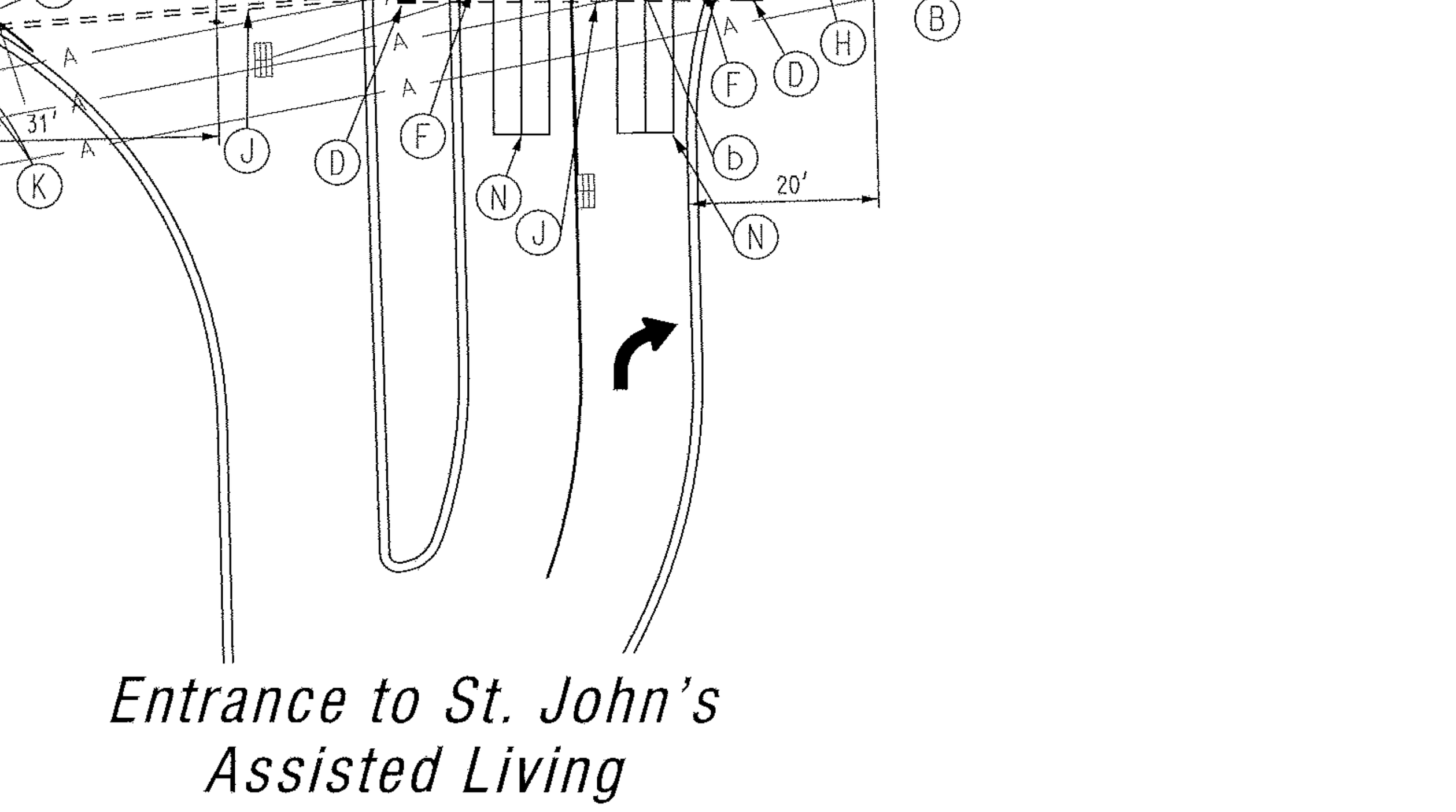

CONSTRUCTION DETAILS

A. Install base mounted NEMA 6 cabinet and necessary equipment for an underground electrical MD-SHA Type B-5 service. Install relocated controller, 4-channel loop detector equipment, and Fiber-Optic Interconnect equipment.
B. Install 27 ft. steel twin mast arm pole with 40 ft. [cut from a 50 ft.] and 50 ft. mast arms, vehicle signal heads, sign, 15 ft. luminaire arm, and 250 W HPS lamp/luminaire (Note: one 3 in. PVC conduit bend).
C. Install 27 ft. steel twin mast arm pole with 40 ft. [cut from a 50 ft.] and 60 ft. mast arms, vehicle signal heads, signs,15 ft. luminaire arm, and 250 W HPS lamp/luminaire (Note: one 3 in. PVC conduit bend).
D. Install handhole.
E. Install handhole on existing conduit run.
F. Install 1 in. liquid tight flexible conduit for loop detector lead-in.
G. Install 2 in. polyvinyl chloride [Schedule 80] electrical conduit - trenched.
H. Install 3 in. polyvinyl chloride [Schedule 80] electrical conduit - trenched.
J. Install 4 in. polyvinyl chloride [Schedule 80] electrical conduit - bored during construction.
K. Install 4 in. polyvinyl chloride [Schedule 80] electrical conduit - trenched.
L. Install 3 in. polyvinyl chloride [Schedule 80] electrical conduit - slotted in roadway.
M. Extend existing 3 in. PVC conduit slotted in road to new handhole.
N. Install 6 ft. x 30 ft. quadrupole type vehicle loop detector (3-6-3 turns).
O. Install micro-loop probe (set of 3).
P. Install 24 in. wide pavement marking - white for stop line.
Q. Extend existing stop line with 24 in. wide pavement marking - white for stop line.
R. Existing ground mounted sign to be relocated by others.
S. Use existing handhole, replace existing frame and cover to current MD-SHA standards. Splice new 2-conductor aluminum shielded cable to existing loop detector wire.
T. Use existing handhole. Pull back existing Fiber Optic Interconnect cable from existing controller and rerun in new conduit back to new cabinet. Splice new 2-conductor aluminum shielded cable to existing loop detector wire.
U. Locate, raise to grade existing handhole, and replace existing frame and cover to current MD-SHA standards.
V. Locate, raise to grade existing handhole, and replace existing frame and cover to current MD-SHA standards. Splice new 2-conductor aluminum shielded cable to existing loop detector wire.
W. Remove existing ground mounted sign.
X. Use existing conduit.
Y. Use existing handhole.
Z. Remove existing handhole.
a. Remove existing cabinet. Relocated controller, 4-channel loop detector equipment, and Fiber-Optic Interconnect equipment to new cabinet.
b. Remove existing steel pole and all attached equipment.
c. Existing pavement markings to be removed by others.
d. Cap and abandon existing conduit.
e. Abandon existing loop detector.
f. Install 4 in. polyvinyl chloride [Schedule 80] electrical conduit - trenched for proposed underground electrical service by BGE.

NOTES

1. Geometrics shall be confirmed prior to the installation of signal equipment. All signal equipment to be installed at final grade.
2. Loop detectors and conduits shall be installed prior to the installation of pavement markings.
3. Pavement markings detailed are proposed and are to be installed by the Contractor in accordance with S.H.A. standards. All other pavement markings will either be installed as part of the Developer's project or are to be considered as existing.
4. Revision 'D' is a revision to the traffic signal built in February, 1987 under S.H.A. Contract No.:B-853-501-485.
5. All underground and overhead utilities shown on these plans are schematic and are not to be considered complete. The Contractor shall be responsible for notifying all utility companies prior to construction so that all utilities may be located in the field. If the Contractor perceives that a conflict between the utilities and the traffic signal equipment will occur, the Contractor shall notify the appropriate Project Engineer immediately.

GEOMETRIC LEGEND

══ ══ ══	EXISTING GEOMETRICS
════════	PROPOSED GEOMETRICS

UTILITY LEGEND

— G — G —	GAS MAIN
— W — W —	WATER MAIN
— S — S —	SEWER MAIN
— E — E —	ELECTRIC CABLES
— D — D —	STORM DRAIN
— A — A —	AERIAL CABLES
— T — T —	TELEPHONE CABLES

Revision "D"

The Traffic Group

The Traffic Group, Inc.
410-583-8405
Fax 410-321-8458

REVISIONS

(D) March 13, 2001
Rebuild for New Geometrics.
S.H.A. No.:BW996M82
jjd

APPROVALS

ORIGINAL ON FILE

TEAM LEADER TRAFFIC ENGINEERING DESIGN DIVISION
ASST. CHIEF TRAFFIC ENGINEERING DESIGN DIVISION
CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION
DIRECTOR, TRAFFIC & SAFETY

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION
(Traffic Signal Plan)

MD 166 (Rolling Rd.) at MD 372 (Wilkens Ave.)/ Entr. to St John's Assisted Living

DRAWN BY:	D. Distance	F.A.P. NO.	N/A	TS NO. 2258D	SHEET NO.
CHECKED BY:	S. Renzi	S.H.A. NO.	B-853-501-485		
SCALE:	1" = 20'	COUNTY:	Baltimore	T.I.M.S. NO. D-600	
DATE:	February, 1987	LOG MILE:	03016600.66		1 OF 2

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